

Rain To Snow Friday Night/Saturday

Decision Support Briefing # 4
As of: 6 AM Thu, January 27th







Briefing applies to the
Morehead City/Newport,
NC
Area Only



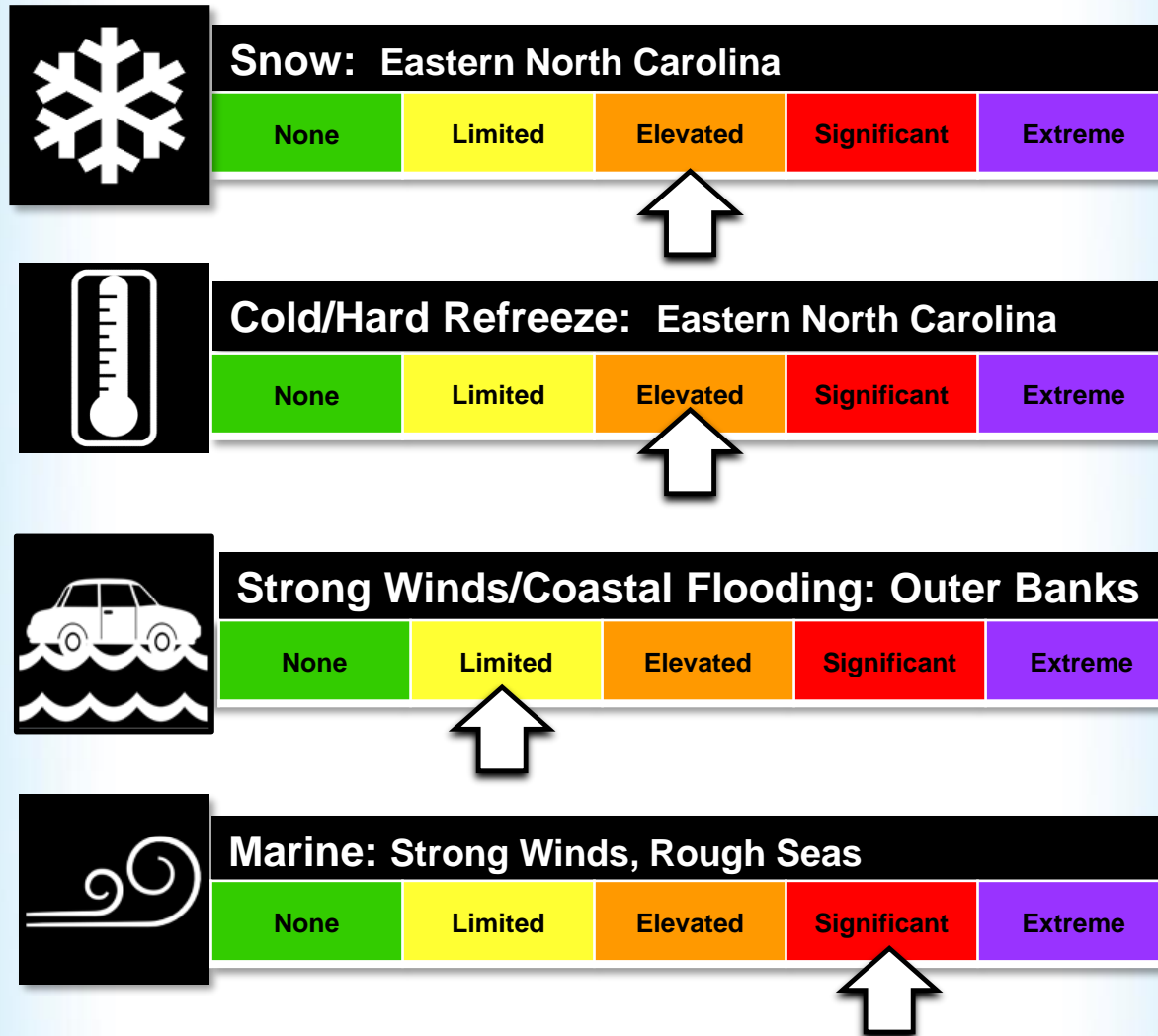
What Has Changed?

- ✓ *Winter Storm Watches Issued*
- ✓ *No major changes on the snowfall forecast*

Main Points

Hazard	Impacts	Location	Timing
Snow 	<p>Accumulating snowfall could make travel hazardous by reducing visibilities and making roads (especially bridges) slippery.</p>	<p>Several inches of snowfall accumulation most likely along and north of US Hwy 64/264. Less accumulation further south, but some travel issue still possible.</p>	<p>After 10 PM Friday Night far inland, most locations not until after midnight Friday night! Ends by early Saturday afternoon.</p>
Cold 	<p>Lows in the teens will result in a hard freeze of any wet surfaces Sat night. Black ice likely. Wind chill values into the single digits.</p>	<p>Coldest temperatures will occur inland and for locations with snow cover, but everywhere will be well below freezing.</p>	<p>Temps return below freezing quickly around or after sunset Saturday.</p>
Coastal Flooding 	<p>Soundside: Minor flooding of very low areas. Up to 2 ft of inundation.</p> <p>Oceanside: Minor overwash over very vulnerable dune structures.</p>	<p>Soundside: Mainly along the OBX from Rodanthe to Downeast Carteret County.</p> <p>Oceanside: Overwash threat mainly limited to Hatteras Island north of Cape Hatteras.</p>	<p>Soundside: Saturday.</p> <p>Oceanside: Around the time of high tides Saturday into Sunday.</p>
Marine 	<p>Dangerous seas and gale force wind gusts bring hazardous conditions for mariners.</p>	<p>All coastal waters, sounds, and inland rivers.</p>	<p>Saturday into Saturday night.</p>

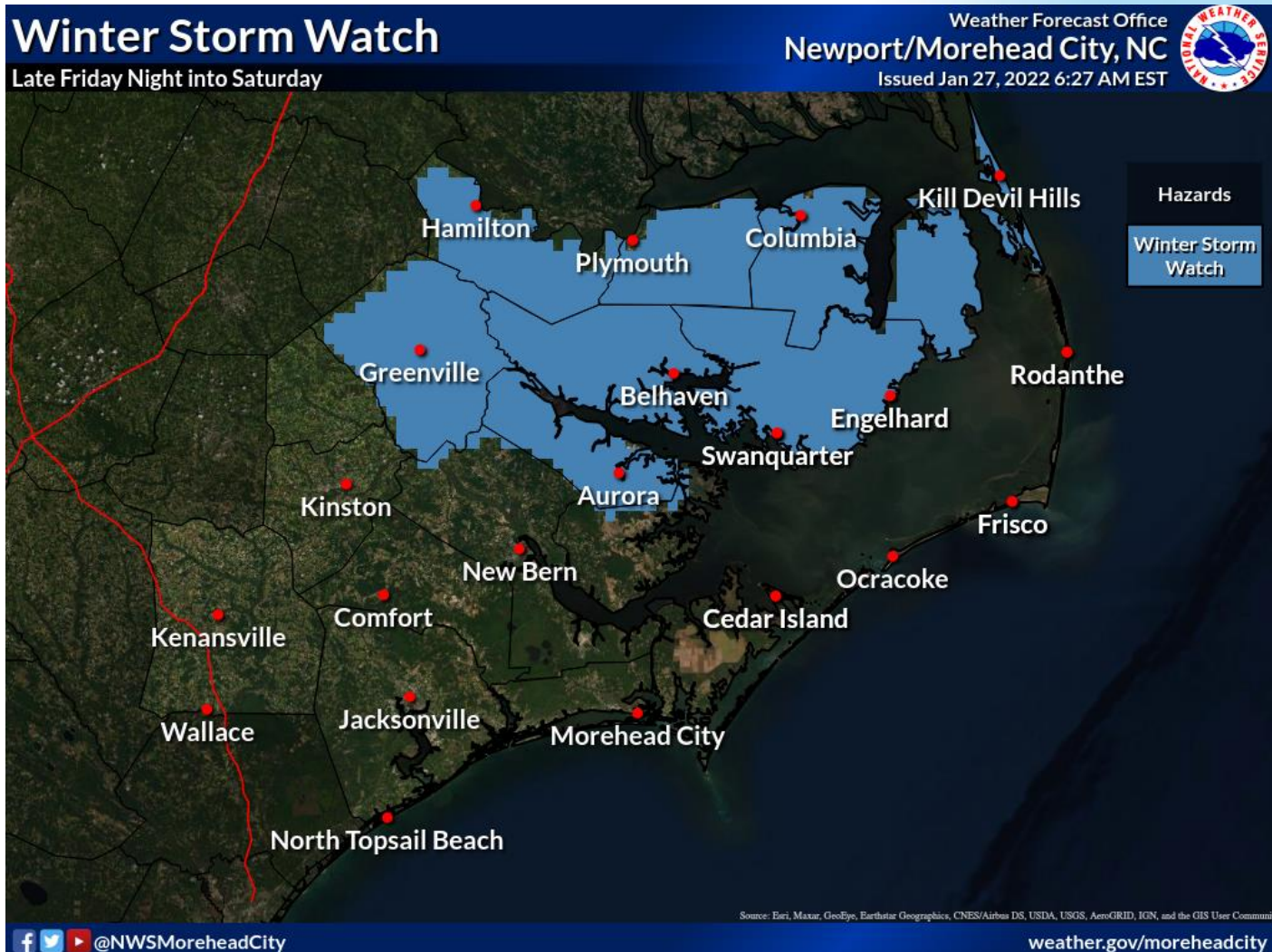
Summary of Greatest Impacts



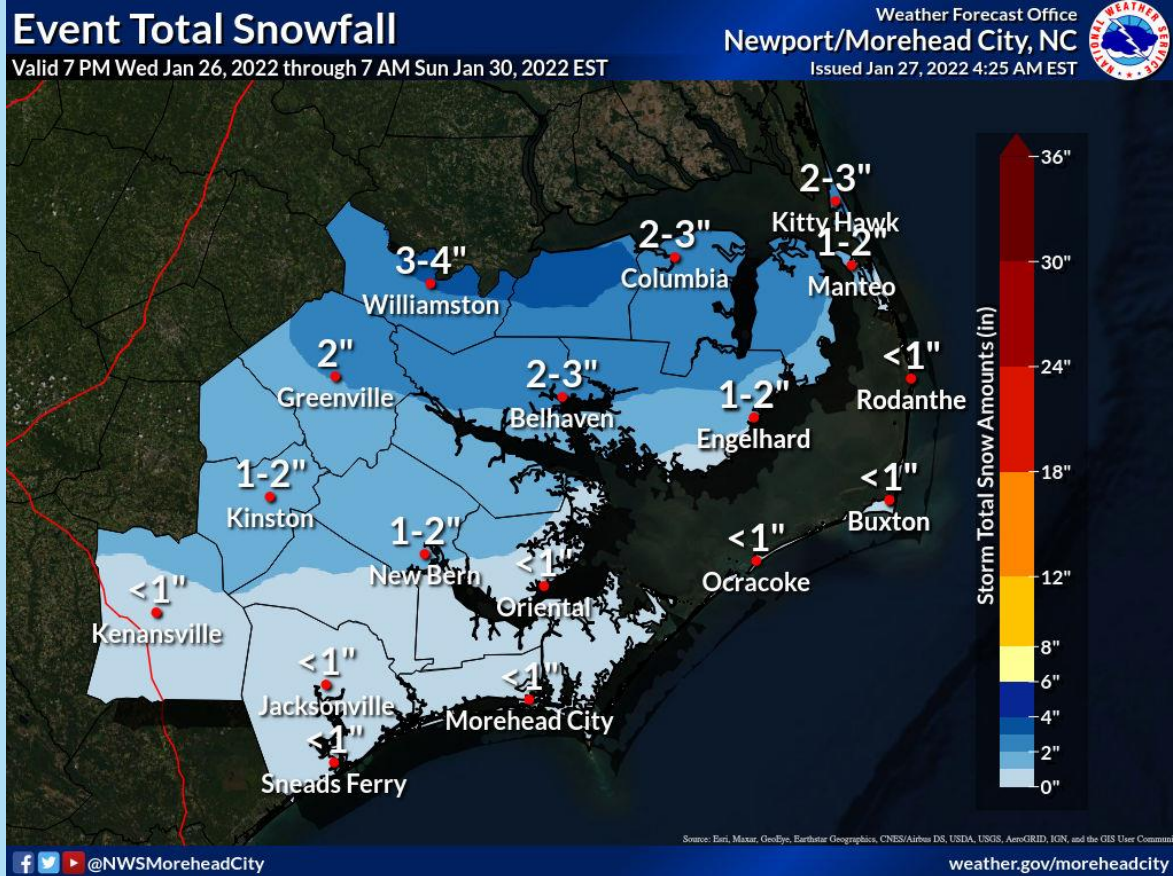
Winter Storm Watch Issued

**In effect 10 PM
Friday night until
1 PM Saturday
afternoon.**

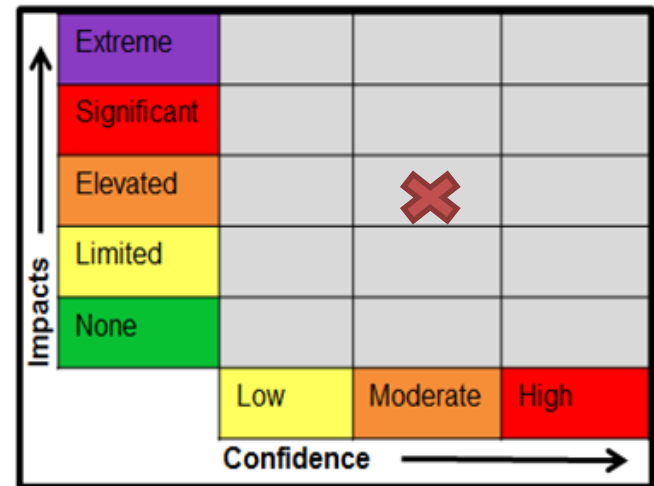
**Up to 3 to 4
inches of
snowfall
accumulation
expected in the
watch area.**



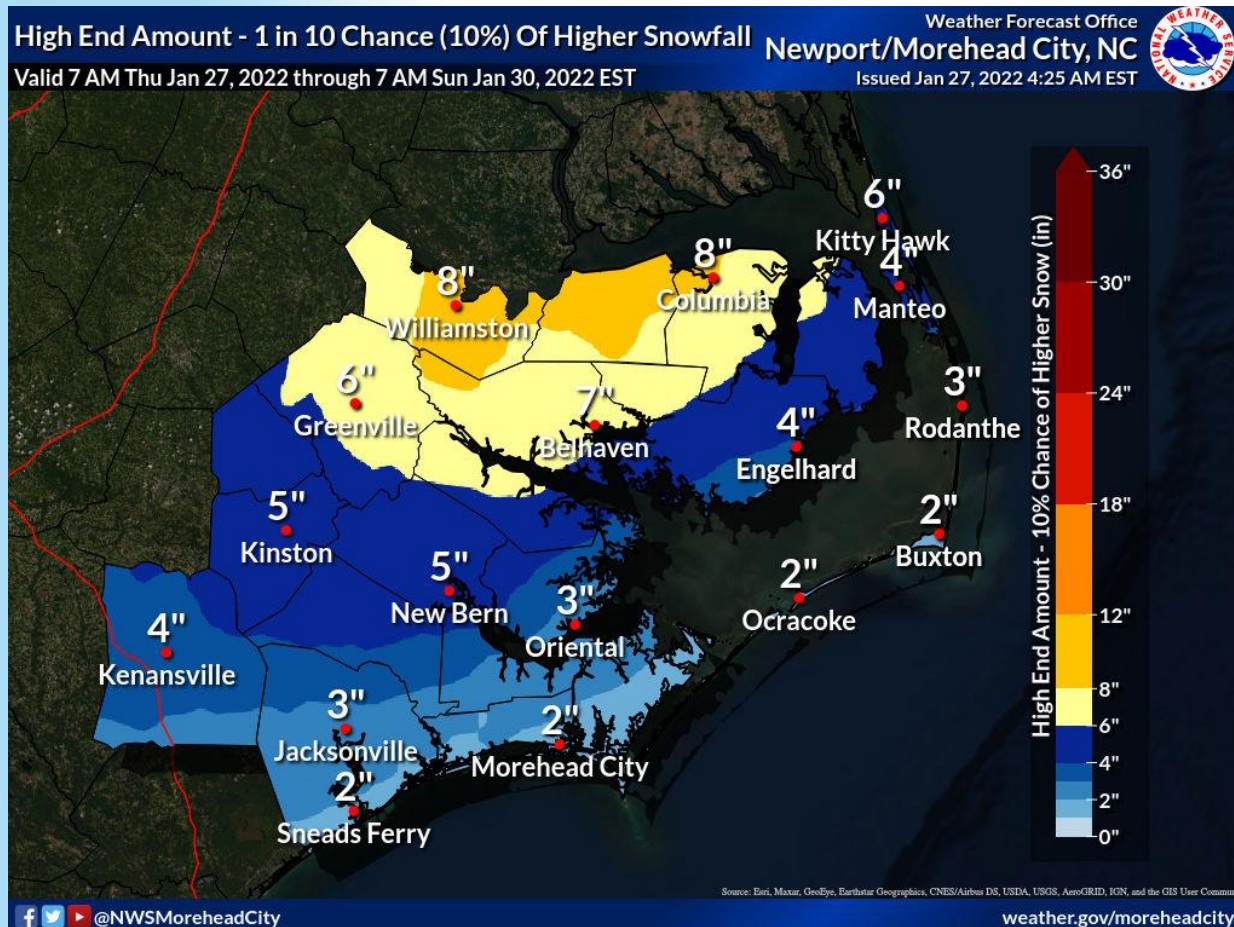
Expected Snow



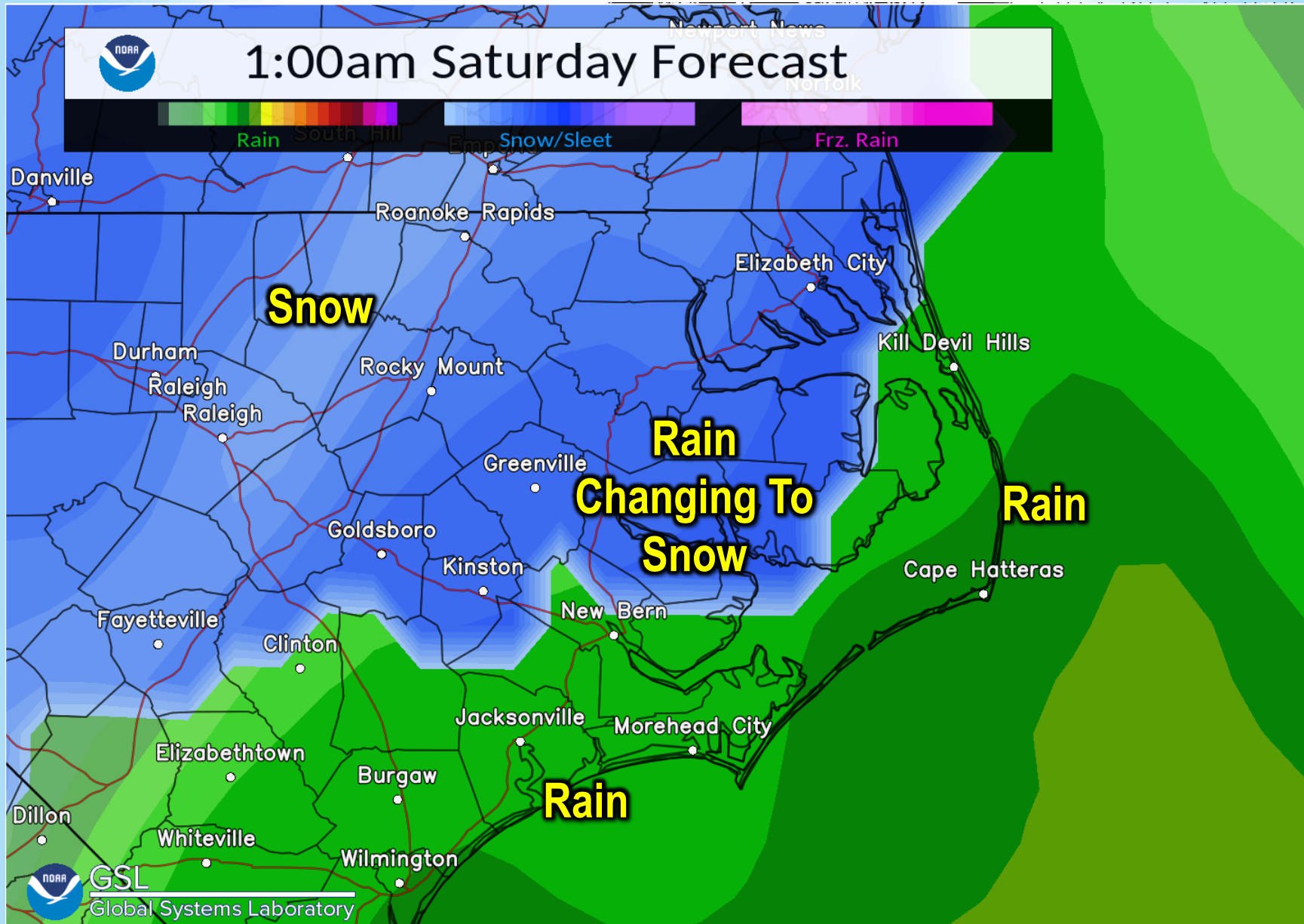
- ✓ Friday Evening Commute NOT Impacted. Impacts start after 10 PM.
- ✓ Snow continues into Saturday.
- ✓ For the most up to date winter products, click [here](#)

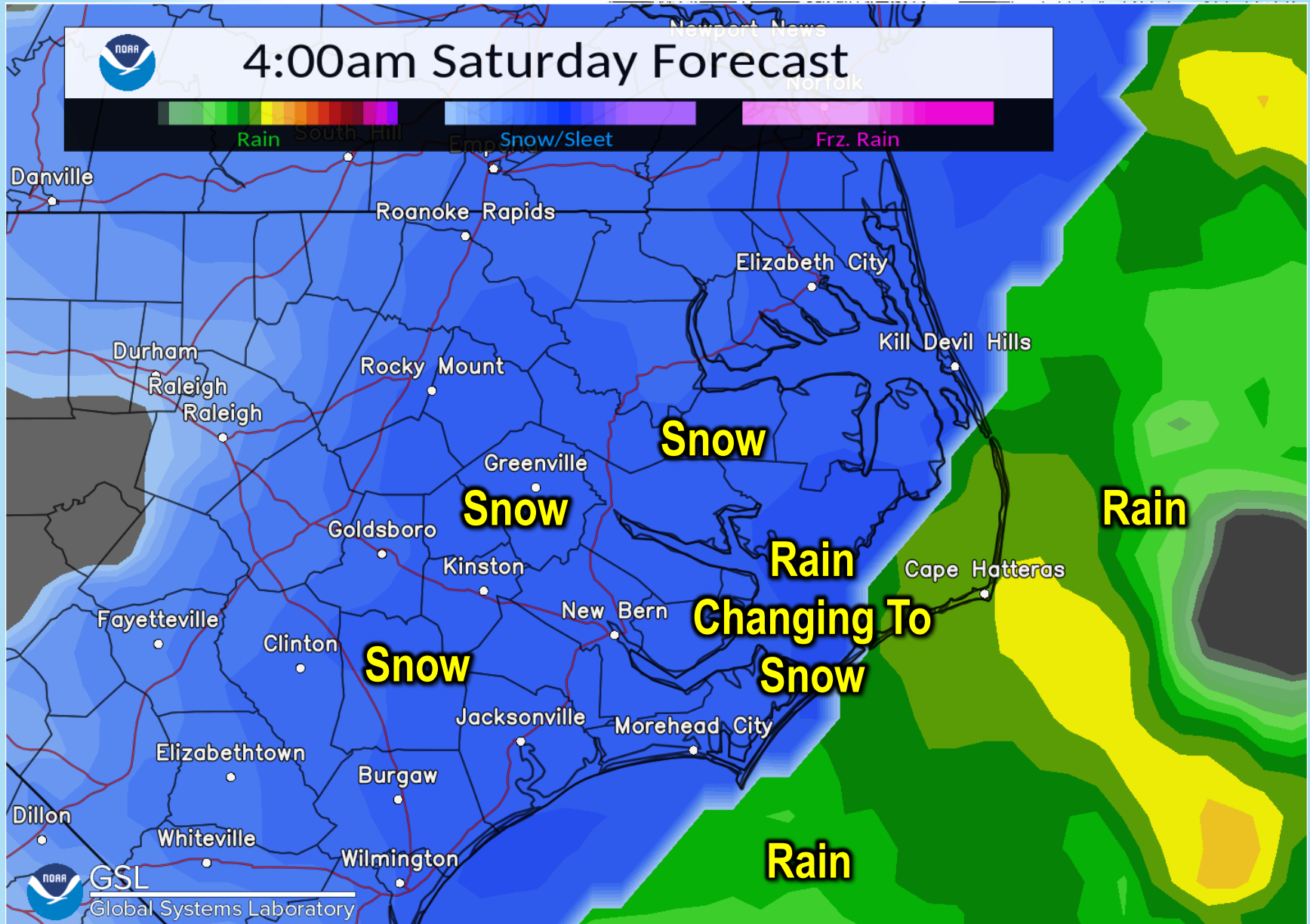


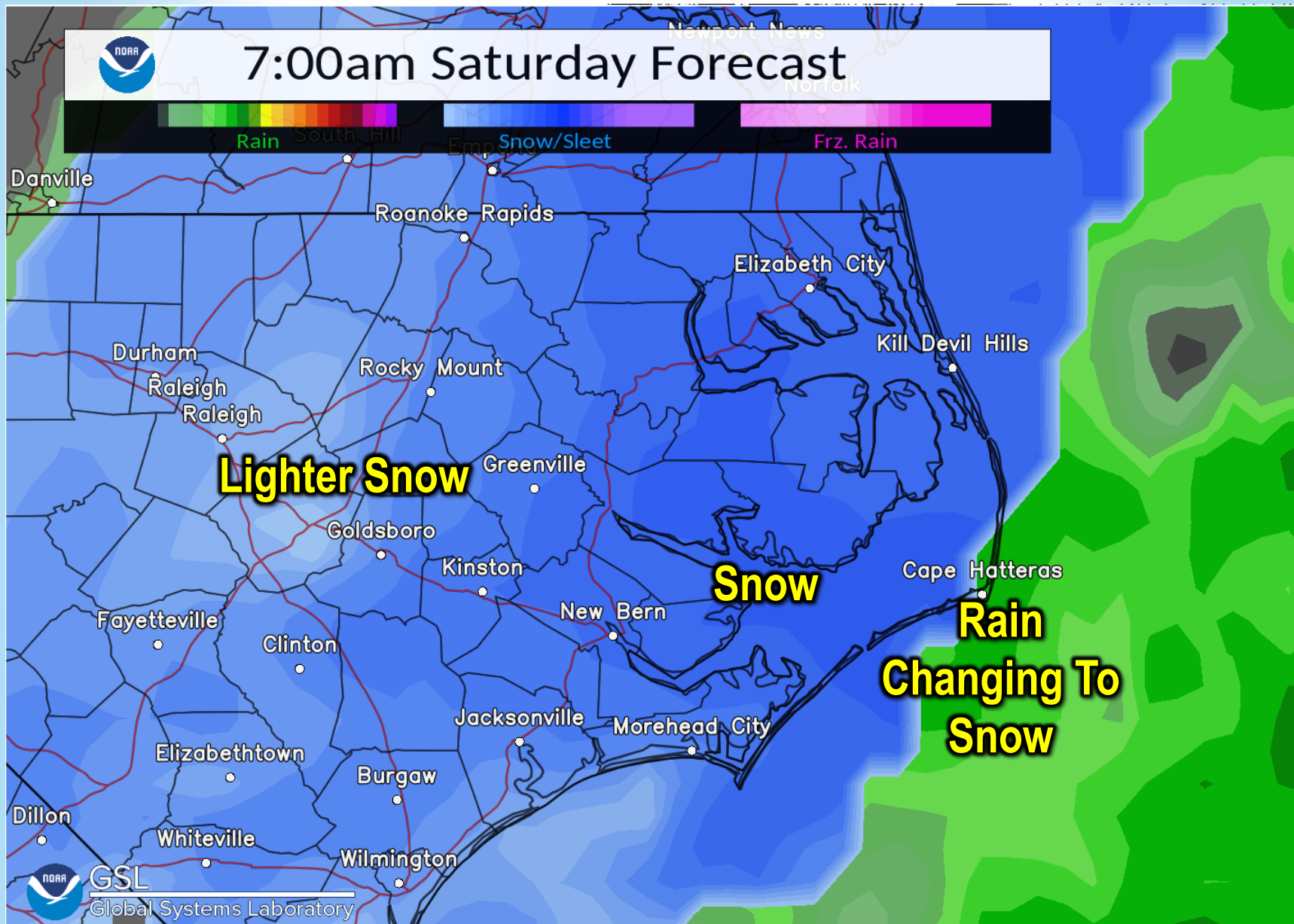
High End Amount

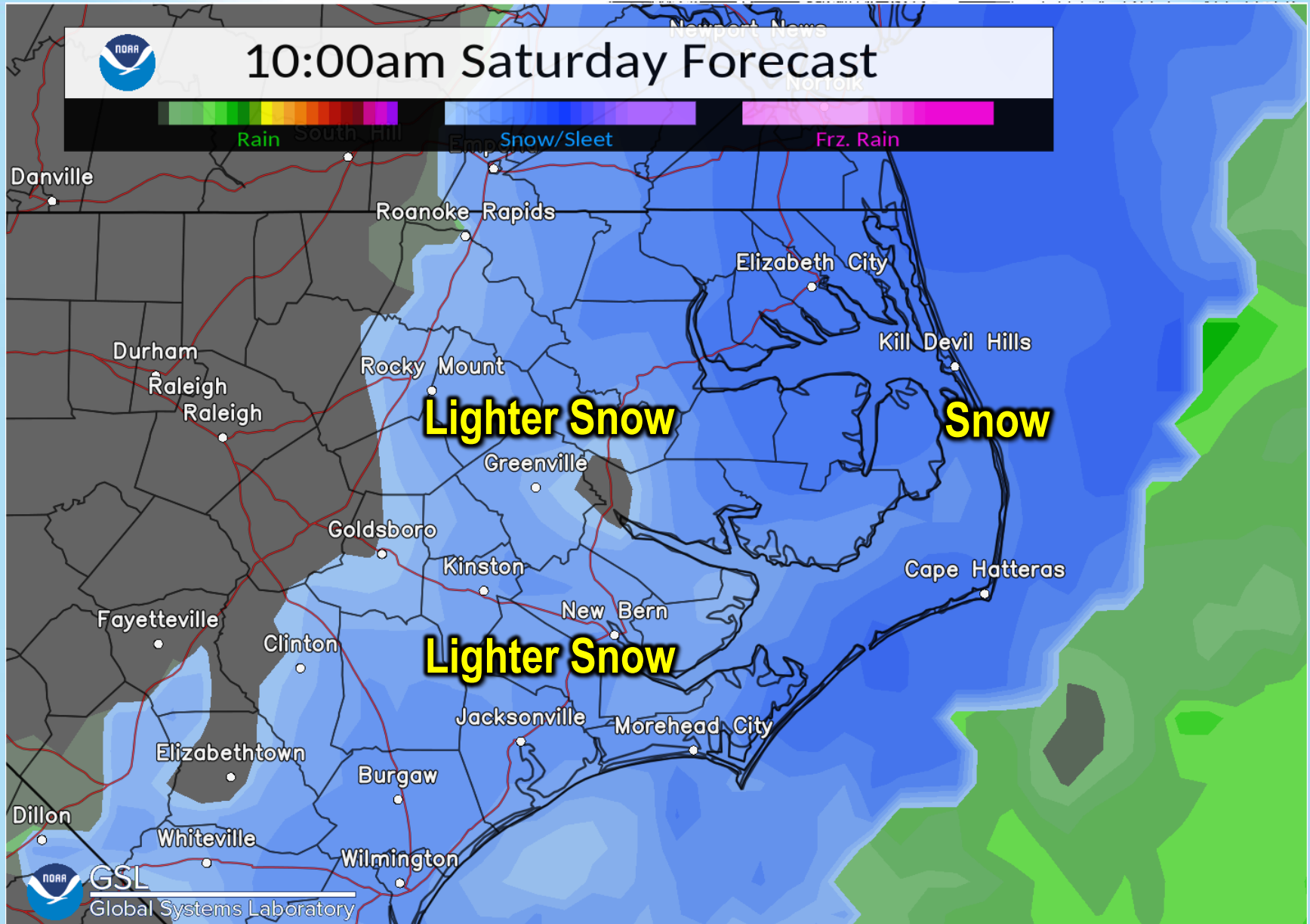


- ✓ Some Uncertainty remains in the forecast.
- ✓ If all ingredients align perfectly, significantly higher snowfall amounts are still possible.
- ✓ For the most up to date winter products, click [here](#)









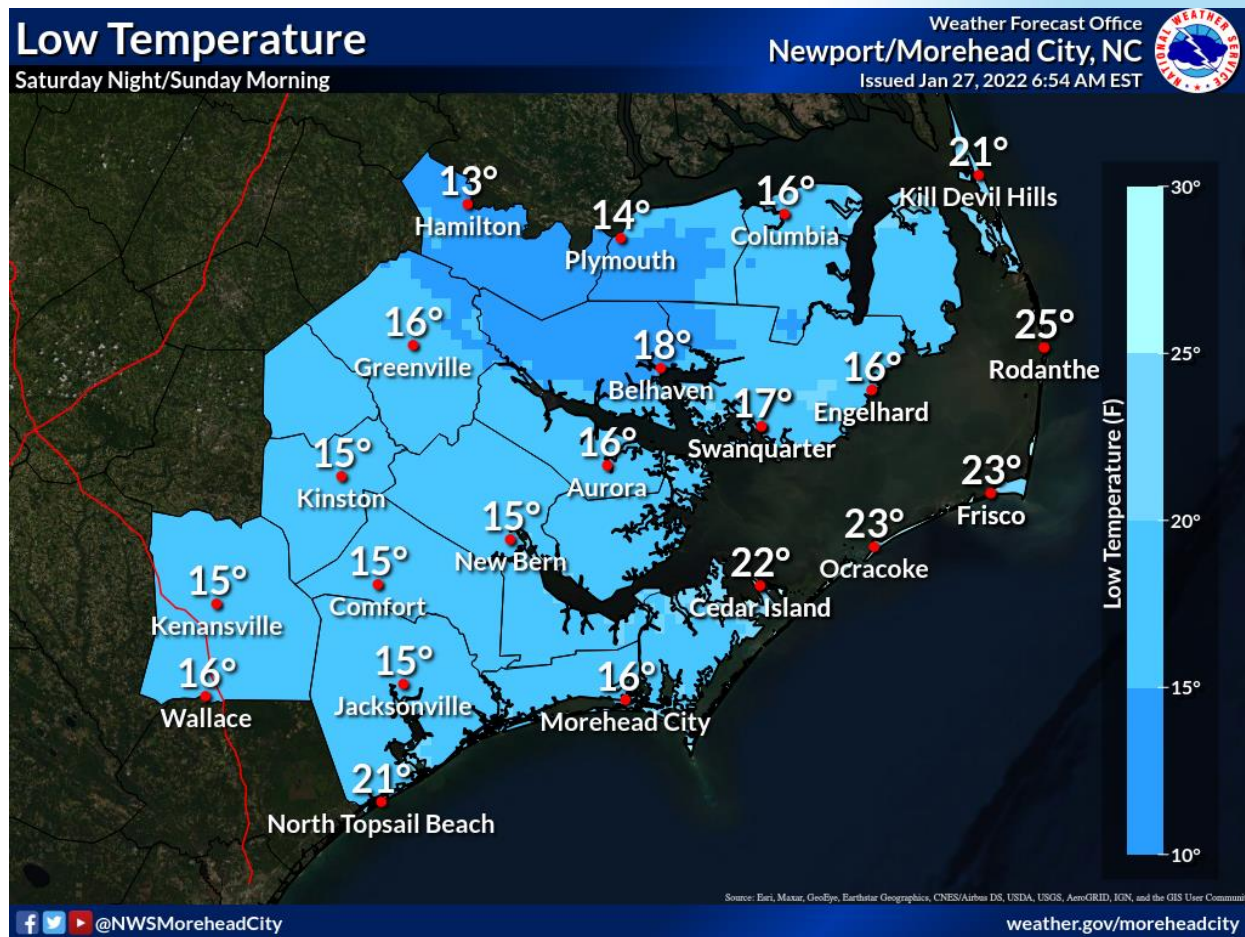


Very Cold Saturday Night/Sunday Morning

Only limited melting will occur during the day Saturday.

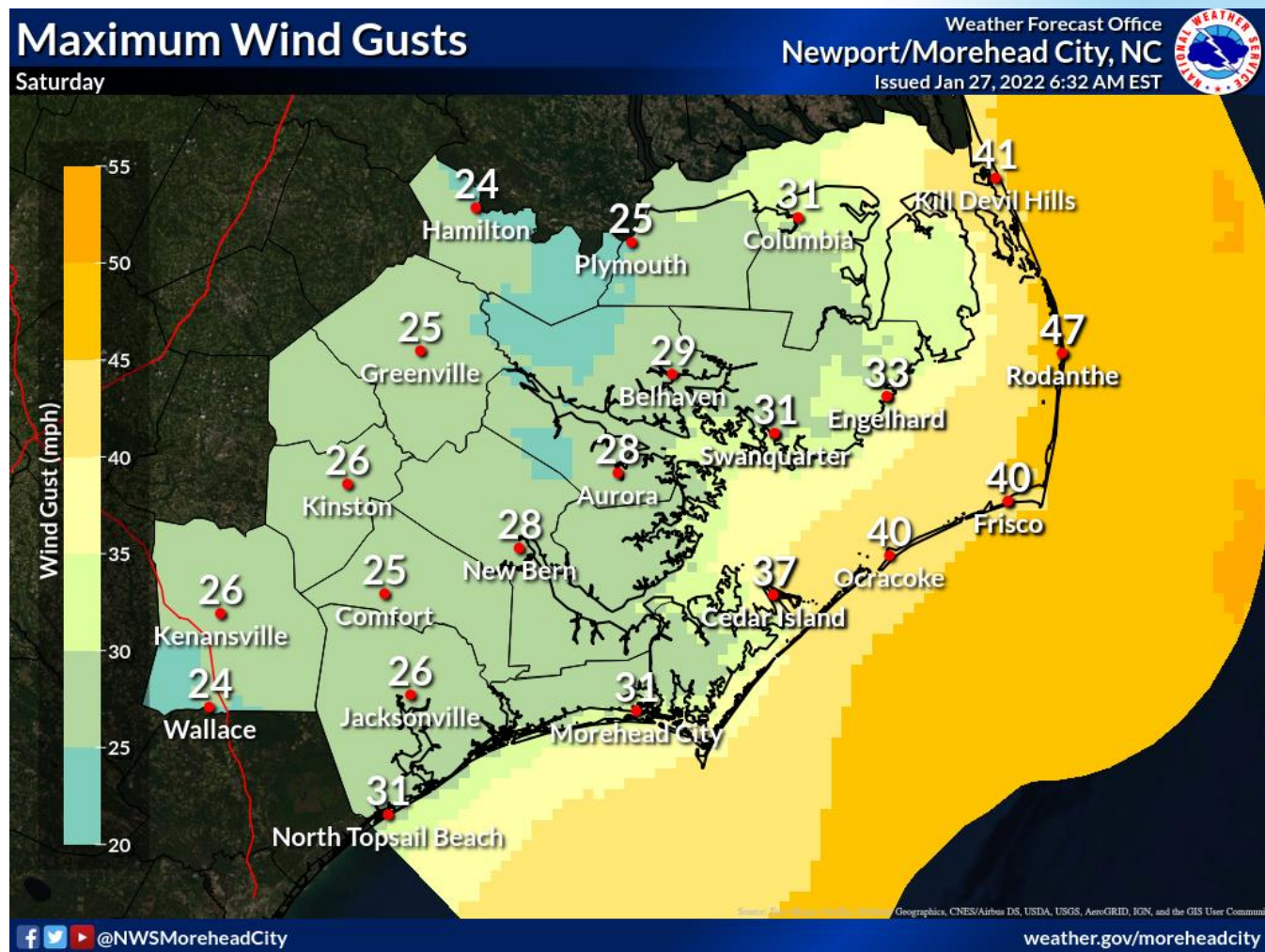
Lows Saturday night well below freezing everywhere. Any wet surfaces will freeze, with black ice likely.

Wind chill values dip into the single digits, especially where there is snow on the ground.



**Strong north to
northeast winds
develop
Saturday
morning.**

**A few power
outages possible
along the coast.**

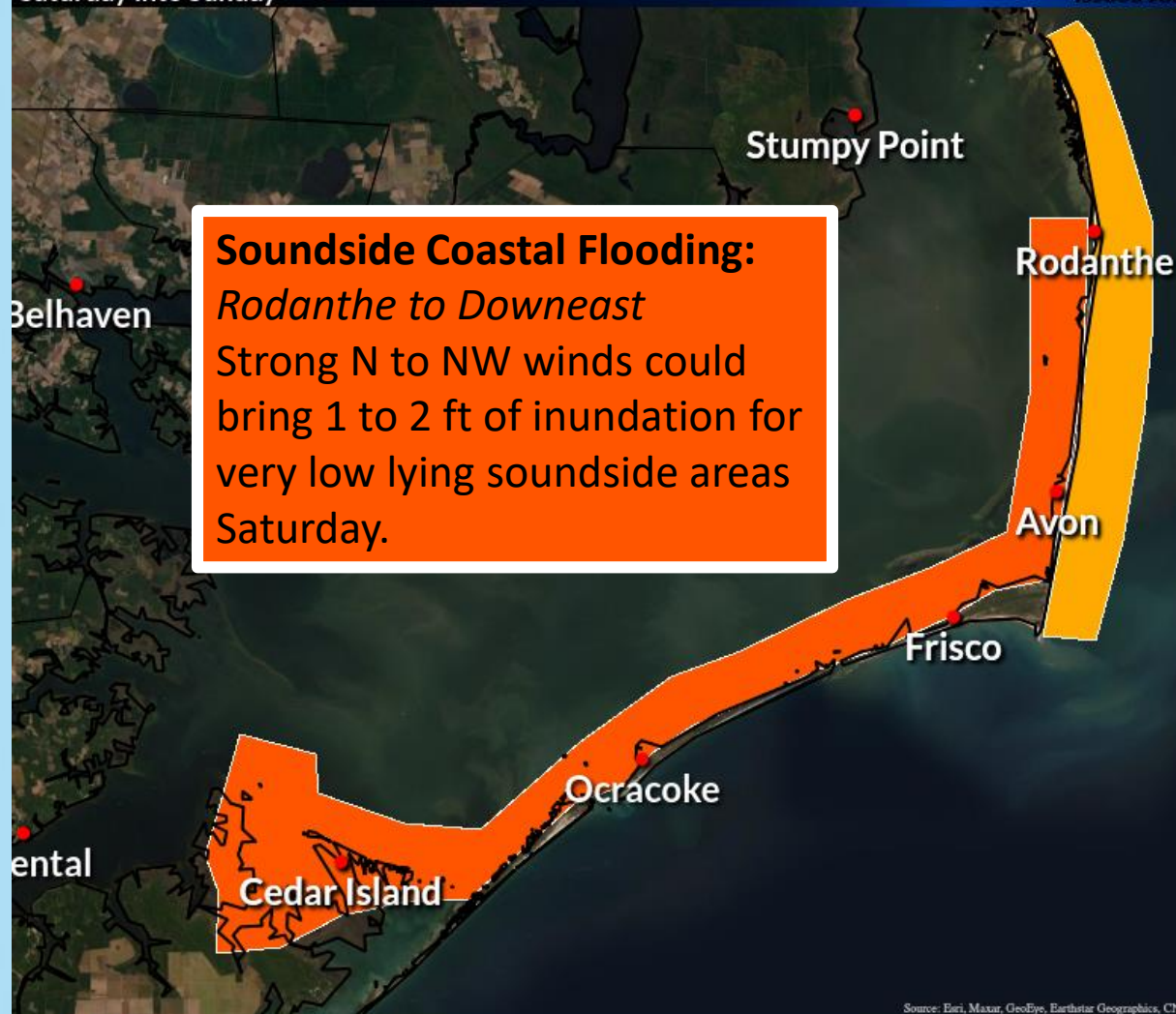


Coastal Flooding and Overwash

Saturday into Sunday

Weather Forecast Office
Newport/Morehead City, NC

Issued Jan 27, 2022 6:41 AM EST



Soundside Coastal Flooding:

Rodanthe to Downeast

Strong N to NW winds could bring 1 to 2 ft of inundation for very low lying soundside areas Saturday.

Ocean overwash:

Cape Point to Oregon Inlet

Large swell and elevated water levels could bring inundation of beachfront properties near vulnerable dune structures around the time of high tides Saturday into Sunday.

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

   @NWSMoreheadCity

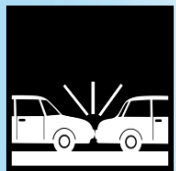
weather.gov/moreheadcity

Event Summary

- ✓ Confidence is **MODERATE** that this event will occur and **MEDIUM** on expected impacts.
- ✓ Period of greatest impact: Friday Night After 10 PM through Saturday Morning



Coating to 4" expected. Highest amounts along/north of Highway 264.



Hazardous travel especially after 10 PM Friday Night through Saturday Morning due to falling temperatures and increasing snowfall rates.



Strong winds bring minor soundside water level rises from Rodanthe to Downeast (1 to 2 feet above ground level). Minor ocean overwash possible for Hatteras Island N of Cape Point.

Contact and Next Briefing Information



Next Briefing
By 6 PM Thursday

[Briefing Webpage](http://www.weather.gov/mhx/)



Web:

<http://www.weather.gov/mhx/>



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 4 PM Thursday*